

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/36977

A. CLASSIFICATION OF SUBJECT MATTER
IPC: G01N 33/48(2006.01),33/574(2006.01)

USPC: 435/4,7.1;436/64,500
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 435/4,7.1;436/64,500

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Medline Biosis Lifesci Biotechds Scisearch Hcaplus

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JERGENSEN et al. Expression of Activated Extracellular Signal-Regulated kinases 1/2 in Malignant Melanomas: Relationship with Clinical Outcome. Clinical Cancer Research, 01 November 2003, Vol. 9, pages 5315-5331, especially page 5326, Table 1 and pages 5329-5330, bridging paragraph.	7-14 5, 10, 14, 17, 23, 25
Y	Tanimura et al. Specific blockade of th ERK pathway inhibits the invasiveness of tumor cells: down-regulation of matrix metalloproteinase-3/-9/-14 and CD44. Biochemical and Biophysical Research Communications. 16 May 2003, Vol. 304, pages 801-806, especially page 803 under the heading of "Blockade of the ERK Pathway" and page 805, first column, lines 2-6.	1, 3, 4, 15, 16, 18, 19, 21, 22
X	ADEYINKA et al. Activated Mitogen-activated Protein Kinase Expression during Human Breast Tumorigenesis and Breast Cancer Progression. Clinical Cancer Research. June 2002, Vol. 8, pages 177-1753, especially page 1749, under the heading "Immunohistochemistry", page 1751 under both headings.	7-14 19, 21-24

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
24 July 2006 (24.07.2006)

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INTERNATIONAL SEARCH REPORT**International application No.**
PCT/US04/36977**C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	FU et al. Effects of Raf-Kinase Inhibitor Protein Expression on Suppression of Prostate Cancer Metastasis. Journal of the National Cancer Institute. 18 June 2003, Vol. 95, pages 878-879, especially page 888, last paragraph.	2, 20